PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT3128182

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
WILLIAM H VONG	11/25/2014
CHAO WANG	11/25/2014
JEREMIE A. BLEHM	12/01/2014

RECEIVING PARTY DATA

Name: MICROSOFT TECHNOLOGY LICENSING, LLC	
Street Address: ONE MICROSOFT WAY	
City:	REDMOND
State/Country: WASHINGTON	
Postal Code: 98052-6399	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	14557324

CORRESPONDENCE DATA

Fax Number: (509)944-4692

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using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.

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ATTORNEY DOCKET NUMBER:	MS1-5556US
NAME OF SUBMITTER:	SONIA V. PAJARES
SIGNATURE:	/SONIA V. PAJARES/
DATE SIGNED:	12/02/2014

Total Attachments: 6

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PATENT

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PATENT REEL: 034301 FRAME: 0644

Microsoft Technology Licensing, LLC, a Washington limited liability company, on behalf of itself and its successors and assigns ("ASSIGNEE"), is entitled to, and is desirous of acquiring, the entire and exclusive rights, title and interest, including the right of priority, in the INVENTION and the APPLICATION (and all other applications and patents derived therefrom, such as continuing applications, in whole or in part, in and for the United States, its territories, and all foreign countries ("APPLICATION DERIVATIVES"));

ASSIGNOR hereby authorizes, and requests, ASSIGNEE'S LEGAL REPRESENTATIVES to insert the Application No., filing date, and Office into the following table for any APPLICATION DERIVATIVES after they are known;

Application No.	Filing Date	Office

MS Dock	et No.: 355875.0)1
Attorney Dock	et No.: MS1-55	56US
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For good and valuable consideration, the receipt of which is hereby acknowledged by the ASSIGNOR, the ASSIGNOR hereby sells, assigns and transfers to the ASSIGNEE, ASSIGNOR's entire and exclusive rights, title and interest, including the right of priority, in the INVENTION and the APPLICATION (and all other applications and patents derived therefrom, such as continuing applications, in whole or in part, in and for the United States, its territories, and all foreign countries ("APPLICATION DERIVATIVES")):

ASSIGNOR agrees to execute all instruments and documents required for the making and prosecution of the APPLICATION (and APPLICATION DERIVATIVES), for litigation regarding letters patent derived therefrom, and for the purpose of protecting and perfecting title to the APPLICATION (and APPLICATION DERIVATIVES).

Inventor's Signature		
WILLIAM H. VONG		
Printed Name in English	Printed Name in Native Language (if other than English)	

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Application No.	Filing Date	Office	

MS Docket No.: 355875.01

Attorney Docket No.: MS1-5556US

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	11/25/2014
Inventor's Signature	Date
CHAO WANG	
Printed Name in English	Printed Name in Native Language
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Application No.	Filing Date	Office

MS Decker No. 308/503

Attends Dicker No. MST 50603

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Inventor's Signature Date

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Printed Name in English Printed Name in Native Language (if other than English)

RECORDED: 12/02/2014 REEL: 034301 FRAME: 0650